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ESTABLISHED 1802. SPRING OF 1890.

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BEAUTIFUL FRENCH HYBRID

Gladiolus

Lilies

Amaryllis

AND OTHER

Spring Bulbs

Etc.,

OFFERED BY

JAS. M. THORBURN & CO.

Seed Warehouse:

15 JOHN STREET, NEW YORK.

FRENCH HYBRID GLADIOLUS.

The cultivation of the Gladiolus is very simple. It thrives in any ordinary garden soil. Planted from the last of April to the middle of June, from four to five inches deep, it always flowers, and is one of the most useful and magnificent of cut flowers for house decoration. The bulbs should be taken up after the frost has wilted the foliage.

MIXED HYBRID GLADIOLUS.

	Per doz.	Per 100	Per 1,000
All Colors and Shades of Red, Scarlet, Variegated, etc.	$0 40	$1 50	$12 00
Light Colors. No scarlet or solid dark colors	50	2 50	18 00
White and Light. Standard selection	60	4 00	30 00
Light Colors. Extra fine selected	1 00	7 00	60 00
Pink Striped and Variegated	50	3 00	20 00
Yellow, in variety	50	3 00	20 00
Salmon and Buff	1 00	7 00	60 00
Fine Mixed Lemoine's	60	4 00	
Extra Fine Mixed Lemoine's	80	5 00	

MIXED HYBRID SEEDLING GLADIOLUS.

Mixed in the greatest variety, from a collection of fifteen years' careful selection. Per dozen, 50 cents; per 100, $2; per 1,000, $15.

COLLECTIONS—OUR OWN SELECTION.

12 Named Varieties	$1 00
12 Fine Named Varieties	1 50
12 Extra Fine Named Varieties	2 00
12 Superior Named Varieties	3 00

GENERAL COLLECTION OF GLADIOLUS.

No.		Each
1	**Addison.** Dark amaranth, with white stripes	$0 15
2	**Africain.** Distinct variety of quite a novel color—slaty brown on scarlet ground, streaked with scarlet and pure white, with a conspicuous white blotch; dark colored dense spike	20
3	**Amalthee.** Pure white, with large violet red blotch; ground of the corolla velvety violet, the lower petals slightly tinted with lilac	15
4	**Ambroise Verschaffelt.** Rosy carmine, flamed with garnet; large rose blotch	15
5	**Angele.** White; showy and effective	15
6	**Antigone.** Delicate rose, flamed with carmine	25
7	**Antiope.** Light orange cherry; dark carmine blotch on white ground	15
8	**Antonius.** Scarlet cherry, slightly tinged with orange, flamed carmine; pure white blotch	10
9	**Apollon.** Rose lilac, with a large light rose blotch, striped in the center	10
10	**Archduchess Marie Christine.** White, slightly tinged with lilac, flamed rosy carmine	20
11	**Arsinœ.** Fine satin rose, flamed with bright carmine	10
12	**Asmodee.** Brilliant cherry purple, edged and flamed garnet, with white stains and stripes	15
13	**Aurore.** Bright salmon rose, striped orange, carmine and lilac; blotch cherry rose, streaked violet	20
14	**Ball of Fire.** Scarlet crimson, blue center; maroon spot	50
15	**Beatrix.** Pure white ground, delicately flushed with carmine lilac	15
16	**Benvenuto.** Brilliant light orange red; white blotch	20
17	**Bernard de Jussieu.** Violet, shaded cherry and purple; bright purple blotch on white ground	10
18	**Bernard Palissy.** Light cherry red, flamed and striped carmine rose; clear white blotch	15
19	**Bicolore.** Large flowers of bright rosy salmon, except lower petals, which are ivory white, suffused with rose at the edges	20
20	**Brenchleyensis.** Bright vermilion scarlet; a standard scarlet variety	05
21	**Ceres.** Pure white, purplish rose blotch	10
22	**Clemence.** Delicate satin rose, shaded dark rose, feathered bright carmine	15
23	**Cleopatra.** Soft lilac; the lower petals of a darker hue, suffused with violet; purple feathered blotch	15
24	**Colombine.** Cream, blazed with lilac; purple stain on yellow ground	15
25	**Comte de Morny.** Dark cherry red; white blotch, streaked lake	15
26	**Conde.** Light orange red; white blotch, feathered carmine	15
27	**Conquete.** Large and fine flowers of bright cherry red, with a conspicuous pure white blotch; upper petals striped with delicate rose	25
28	**Delicatissima.** White, suffused with soft carmine lilac; the pure white lower petals edged lilac	15
29	**Didon.** White, suffused with pale lilac; lower petals pure white	20
30	**Duc de Malakoff.** White ground; feathered blotch of deep orange	20
31	**Edith.** Carnation rose, with dark stripes	15
32	**Elizabeth.** Dark rose, flamed with bright carmine purple; large purple carmine blotch with white stripes	15
33	**Elvire.** Pure white, flamed carmine; very delicate	15
34	**Etendard.** White, slightly suffused with carmine	25
35	**Eugene Scribe.** Flowers very large and wide; perfect, tender rose, blazed with carminate red	20
36	**Eva.** White, slightly tinged with rose and pale lilac	25
37	**Fatma.** Very large flowers, with ivory white ground, profusely striped and suffused with bright rosy salmon; violet blotch on creamy ground	20

No.		Each
38	**Flamboyant.** Large flowers of fiery scarlet	$0 20
39	**Fulton.** Velvety vermilion; blotch bright purple	10
40	**Hesperide.** Profusely blotched and flaked bright rosy salmon, on a pure white ground	15
41	**Horace.** Rich scarlet; large pure white blotch, feathered red	20
42	**Isaac Buchanan.** Very fine yellow	10
43	**James Watt.** Light vermilion; pure white blotch, feathered rose	20
44	**John Bull.** White, slightly tinged with sulphur	10
45	**La Candeur.** White, slightly striped with carmine violet	20
46	**Lady Carrington.** Pale lilac, streaked with carmine, and having a pure white center; magnificent	75
47	**La Fiancee.** Pure white; small bluish violet blotch	30
48	**Laura.** Light orange red, tinged and flamed with carmine; pure white blotch	10
49	**Leander.** Large flower of lilac color, beautifully shading off to carmine; distinct white band in the middle of each petal and conspicuous white blotch on lower petals	25
50	**Le Poussin.** Light red, white blotch	15
51	**Le Titien.** Very brilliant rosy scarlet	20
52	**Lord Byron.** Brilliant scarlet, blotched and flushed pure white	10
53	**Lord Hawke.** Rosy carmine, petals striped with white	20
54	**Madame LeSeble.** Pure white; large purplish rose blotch	20
55	**Madame Monneret.** Late variety; self pink	05
56	**M'lle Marie Mies.** Delicate rose, flamed with carmine; slight blotch of rosy purple on pure white ground; dense spike	40
57	**Martha.** White, flamed with carmine rose; large carmine blotch	10
58	**Meteor.** Very brilliant dark red, large pure white blotch; distinct	20
59	**Mr. Bains.** Orange carmine, having a carmine stripe on the lower petal; very rich and effective	30
60	**Napoleon III.** Bright scarlet, with white stripes in the center of the petals	10
61	**Nestor.** Light yellow; the lower petals darker, striped with red	30
62	**Norma.** Pure white, occasionally very slightly tinged with pale lilac	25
63	**Orpheus.** Rosy cherry, flamed with carmine; carmine purple blotch	20
64	**Pactole.** Beautiful yellow, slightly tinged with rose at the edges; blotch of a darker shade	20
65	**Pepita.** Bright golden yellow flowers, slightly striped carmine at the edges of the petals towards the end of the flowering season. The most free-flowering yellow variety of all	15
66	**Phebus.** Brilliant red, with large and conspicuous pure white blotch	20
67	**Phidias.** Very brilliant purple ground, slightly tinted with violet; large pure white blotch, feathered with carmine cherry	15
68	**Princess of Wales.** White, flamed with carmine rose; deep carmine blotch	10
69	**Proserpine.** Rosy white, streaked with crimson	25
70	**Reine Blanche.** Pure white; dark carmine blotch	15
71	**Reine Victoria.** Pure white; carmine violet blotch	20
72	**Robert Fortune.** Orange, shading off to purple crimson, varied with white	15
73	**Roi Leopold.** Blush rose, slightly suffused with orange and shaded a deep currant red; white blotch	10
74	**Romulus.** Very brilliant dark red; large pure white blotch, large white lines on the lower petals	15
75	**Rossini.** Dark amaranth red, streaked and blotched white	20
76	**Shakespeare.** White, very lightly suffused with carmine rose; large rosy blotch; a standard sort	25
77	**Sylphide.** White, flamed with carmine; large purple carmine blotch	10
78	**Themis.** Fine spike of delicate satin rose colored flowers, conspicuously flushed with carmine; cream colored blotch	15

No.		Each
79	**Therese de Vilmorin.** Tall spike; flowers of a creamy white, passing into pure white, with a few purplish rose stripes in center of the flowers	$0 50
80	**Thomas Methwen.** Violet, tinged with rose; center light transparent, shading off to carmine violet	15
81	**Thunberg.** Light orange, shaded cherry; blotch pure white	10
82	**Van Dyck.** Crimson amaranth, striped with white	20
83	**Van Spandonk.** Fiery red; splendid	20
84	**Vesta.** Pure white, with purplish carmine blotch on yellow ground	10

NAMED LEMOINE'S HYBRID GLADIOLUS.

(Half Hardy.)

	Each
Enfant de Nancy. Flowers medium size; purplish red, lower petals deep crimson. Color and blotching entirely unknown heretofore in Gladioli	$0 20
Frœbeli. Flesh colored, streaked with pink; carmine blotch, bordered with yellow	15
Incendiary. Flowers large; brilliant vermilion, rose colored throat, two of the lower petals scarlet purple	20
Lafayette. Flowers very large; yellowish salmon, large crimson blotches on the lower petals	20
L'Abbe Gregoire. Violet rose; blotches violet, surrounded with dark yellow	15
Marie Lemoine. Long spike of fine, well expanded flowers; upper divisions of a pale creamy color, flushed with salmon lilac; the lower divisions spotted purplish violet and bordered deep yellow	15
Rochambeau. Flowers large, salmon; lower petals salmon; blotches purple	20

THE NEW "SNOW WHITE" GLADIOLUS.

See cut, first page cover.

We now offer first this Gladiolus. The delivery began after January 2nd, 1890. It is the best white Gladiolus ever grown. The flowers are well formed, and have a paper whiteness never seen in any other sort. Every flower on the spike can be used individually for cut flower work. The spikes are of good size, set solidly and perfectly with the florets from bottom to top. The petals are gracefully recurved, and, in many cases, beautifully crisped. Under ordinary circumstances nearly the entire flower is a perfect paper-white, with a slight cream shade on lower half of lower petal. A faint line of purple extends about half way through the lower petal. For withstanding dews, rains and hot sunshine without changing color, no other sort is its equal. It comes just the same each year, and week after week. When planted late, and the nights become very cool, it will be streaked with pink more than at any other time; even then, if the spikes are cut and placed in water when the lower flowers are open, no trace of pink will appear. If at any season of the year the spikes are cut when the first two or four lower flowers open, and are allowed to develop in water, it is positively snow white. It is a good grower: bulbs healthy and strong, and in very many cases produces three spikes and three bulbs from one. To get the largest flowers and spike, cut off all but one spike.

The Massachusetts Horticultural Society awarded this Gladiolus the prospective prize of $40 as the best seedling, flowering or foliage plant. All plants competing for this prize must be entered and shown for three consecutive years.

Each	$0 50
Dozen	5 00
25	9 00
50	15 00
75	20 00
100	25 00

LILIES.

No class of bulbs has become more important in garden decoration than the Lily. Hardly a garden north of the Carolinas, in the United States, can be found that is not adapted to their cultivation. A well drained spot ought to be selected, which should be carefully dug and abundantly manured with old, well-rotted manure. The larger bulbs should be planted from six to ten inches deep. When once planted, they require very little care beyond an occasional stirring of the top soil to keep the weeds down. The bulbs ought not to be disturbed after being planted, as they flower much better when thus left. Plant as early in the spring as the ground can be worked, not nearer than twelve to fifteen inches, according to species.

	Each	Dozen
Lilium auratum. Golden-Banded Lily. The grandest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the center of each petal; the plant grows 3 to 6 feet high, and increases in strength yearly. Bulbs about 10 inches in circumference . . . . . per 100, $12	$0 20	$2 00
L. auratum rubro vittatum. Magnificent variety with brilliant scarlet markings	1 00	10 00
L. Batemaniæ. Bateman's Japan Lily. A fine orange-apricot flowered species of easy growth	40	4 00
L. Carniolicum. A very useful and ornamental Lily. Flowers bright orange scarlet, spotted with black. One of the earliest in flower; two to three feet in height	25	2 50
L. Chalcedonicum. Intensely scarlet, with recurved blossoms, resembling a Turk's cap	40	4 00
L. Coridion. A very attractive Lily, with upright star-shaped flower of clear yellow	15	1 50
L. Leichtlinii. Leichtlin's Lily. Flowers golden yellow, spotted with crimson; 2 to 3 feet	60	6 00
L. Humboldtii. Humboldt's Lily. Flowers large, orange red, with claret-colored spots	35	3 50
L. Japonicum Colchesteri. Colchester Lily. A very rare Japanese variety, with long tubular flowers like *L. longiflorum*, but yellowish white inside and chocolate brown outside; very fragrant; 24 to 30 inches	1 00	10 00
L. pulchellum. Beautiful small red flowers in clusters; its bright color makes it very desirable	25	2 50
L. speciosum album præcox. The best white flowered form of this well-known Japan lily; 2 to 3 feet	30	3 00
L. speciosum rubrum. Red spotted Japan Lily	20	2 00
L. Wallacei. A magnificent Japanese variety, with beautiful clear buff flowers, spotted with black; very distinct	15	1 50

BESSERA ELEGANS. (*Coral Drops.*)

A very pretty little bulbous plant, of easy culture and much real merit. Flowers of a bright coral scarlet, with white cups and dark blue anthers. It will bloom shortly after being planted in the open ground, continuing until frost. Flowers will last many days when cut and are very pretty when used for decorations of any kind. 10 cents each, $1 per dozen.

AMARYLLIS.

These bulbs, which are so remarkable for their beautiful flowers, should be, most of them, cultivated in-doors, and but moderately watered, unless they show indications of flowering. The soil most suitable for their culture is a good, friable, highly decomposed turfy loam, with one-fourth part of rich leaf mold or pulverized manure, and the ordinary proportion of sand in mixture. Frequent disturbance of the roots is to be particularly avoided; allow them to remain in the same pots for two or three years.

	Each
Aulica (Lily of the Palace). Crimson, shaded with lively green	$1 50
Belladonna major. Large; violet and white	40
" " **purpurea**	1 00
" **rosea perfecta**	1 50
Cleopatra. Dark red, white margin	2 00
Equestre. This Amaryllis is very striking and beautiful in appearance. It grows and blooms planted in the garden as well as in a pot inside. It is a very free-flowering variety. The flowers have very spreading, graceful petals; a self color of bright salmon pink, with a distinct snow-white blotch at the base of the petals	25
Formosissima (Jacobean Lily). Scarlet; plant out of doors . . . . . per doz., $2	20
Graveana. Orange, red and white	60
Lutea (Sternbergia). Bright yellow . . . . . per doz., $1.50	15
Psittacina major. Beautiful rare sort; very free blooming	8 00
Regina. Orange, scarlet and white	2 00
Vittata. Scarlet, striped with pure white	75
European Seedlings. (Without names.) Large flowering bulbs; flowers most brilliant; highly recommended	75

CANNAS.

Cannas are deservedly coming into extensive use. The later varieties combine superb foliage with flowers of much beauty.

	Each	Per doz.
Adolph Weick. Rich pea green foliage, very dwarf and compact habit; flowers of a rich crimson scarlet color, shaded with orange; 2 to 3 feet high	$0 30	$3 00
Ehemanni. Has massive deep green leaves; is a strong and robust grower, stalk terminating with a long flower stalk, bearing magnificent crimson flowers; 5 feet high	40	4 00
Gladioliflora. Very free flowering, blossoms rich orange; beautiful blue-green foliage; 5 to 6 feet high	35	3 50
Noutoni. A tall, robust grower, with foliage of great beauty, and a remarkably profuse bloomer, producing immense spikes of large scarlet vermilion flowers, the color of which is simply dazzling in brilliancy; 5 to 6 ft.	30	3 00
Emil le Clare. Large yellow crimson-spotted flowers; 2 to 3 feet high	30	3 00
Fine Selection. Best New French, free flowering Crozy's Dwarf varieties	30	3 00
Fine Named Older Sorts	15	1 50
Fine Mixed	10	1 00

CLEMATIS.

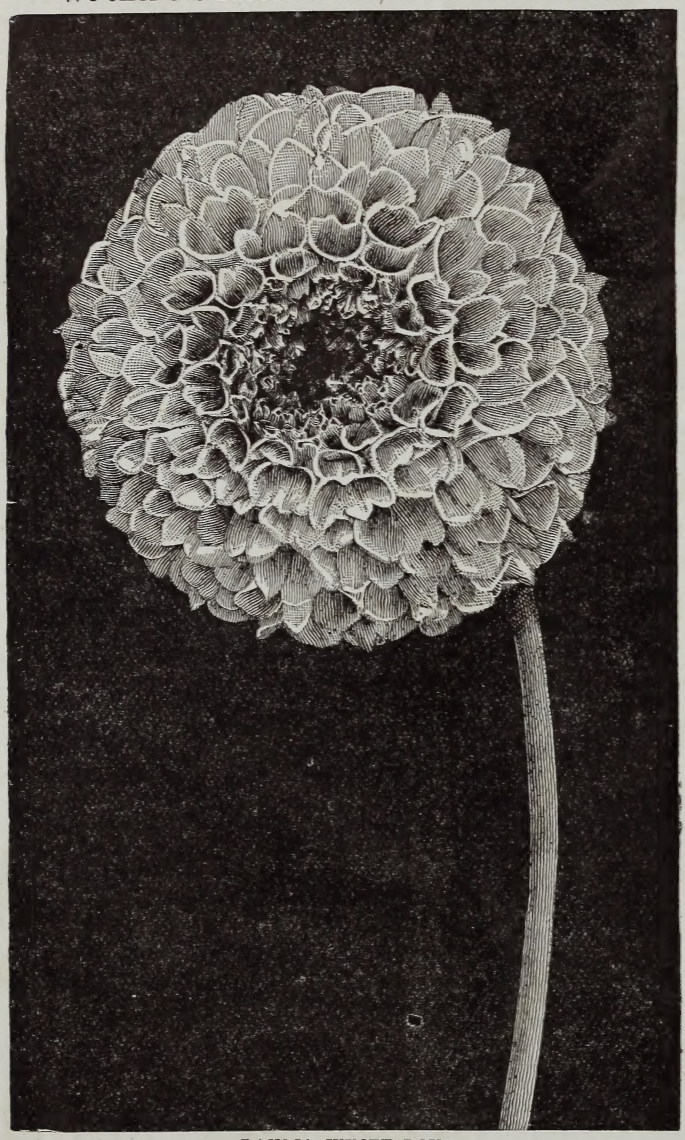
	Each	Per doz
Coccinea. A herbaceous hardy perennial with its stem dying to the surface each winter—an advantage for climbing plants. It will grow from eight to twelve feet high, beginning to flower in June and continuing until frost. The flowers are a rich coral scarlet, shining as if polished; the foliage is very handsome also	$0 20	$2 00
Jackmanni. Deep velvety purple	50	5 00
Mrs. Geo. Jackmann. Satiny white	50	5 00
Star of India. Wine red	50	5 00
Davidiana. A shrubby variety, growing from two to four feet high; the flowers are produced in rich profusion, are beautifully formed, of a deep lavender color, and possessing a most delicate fragrance	25	2 50
Paniculata. A new species from Japan with very fragrant white flowers in September and October, produced in great numbers; a rapid grower	1 50	15 00

CHRYSANTHEMUMS.

Chinese and Japanese varieties. Standard sorts, 15 cents each, $1.50 per dozen.

DAHLIA ROOTS.

We offer the finest Dahlias, from a collection of over 300 selected varieties.



DAHLIA, WHITE DOVE.

	Each	Dozen
Large Flowering. Finest named	$0 25	$2 50
Large Flowering. Mixed	20	2 00
Pompon. Finest named	25	2 50
Pompon. Finest mixed	20	2 00
Cactus Dahlias. Finest named	25	2 50
Cactus Dahlias. Mixed	20	2 00
Single Mixed.	15	1 50

NAMED SORTS OF SPECIAL MERIT.

White Dove. Most valuable long stem sort for cutting	25	2 50
Guiding Star. White Pompon with toothed petals; fine for cutting	25	2 50
Camelliæflora. Dwarf white; very free bloomer	25	2 50
A. D. Livoni. Of a clear sea-shell pink; most beautiful	25	2 50
Miss Dodd. Very fine yellow	25	2 50
Lucy Fawcett. Lemon yellow with carmine stripe, of perfect form	25	2 50

IRIS.

IRIS KAEMPFERI.

These are entirely hardy, distinct and showy, and flower for a period of five to seven weeks during June and July, with graceful and bright foliage afterwards. The flowers are of great size, and from six to eight inches in diameter, double and single.

	Each	Dozen
Named Varieties—Our selection	$0 30	$3 00
Double Mixed Varieties	30	3 00
Double and **Single Mixed**	20	2 00

VARIOUS USEFUL IRIS.

	Each	Dozen
Iris Cristata. A useful edging or border plant. The flowers are numerous, and of a rich amethystine blue, beautifully fringed. Height, 6 inches	$0 20	$2 00
Iris Florentina. Pure white, sweet scented; fine for florists' use	15	1 50
Iris Siberica Sanguinea. A beautiful free-growing Iris with grass-like leaves. It succeeds well in any good soil and rather moist situation. Height, 2 feet	25	2 50

MILLA BIFLORA.

A Mexican bulb, producing pure waxy white flowers over two inches in diameter suitable for the greenhouse and easily forced. 10 cents each, $1 per dozen.

MONTBRETIA CROCOSMIAEFLORA.

A beautiful new hybrid bulb, the result of a cross between *M. Pottsii* and *Crocosmia Aurea.* Flowers deep orange vermilion, produced in elegant and effective spikes, each spike carrying ten to twelve florets; blooms from July to October. 10c. each, $1 per doz.

PAEONIES.

	Each	Dozen
Double White	$0 30	$3 00
Rosea. Rose color	30	3 00
Finest Mixed	20	2 00

PAEONY TENUIFOLIUM, FL. PL.

A very desirable plant, quite distinct, and having beautiful fern-like foliage; flowers the color and shape of Jacqueminot roses, more double and one-third larger. 50c. each.

PERENNIAL PHLOXES.

	Each	Dozen
Phlox Carolina. A beautiful pink-purple flowered species with flowers an inch or more across, produced nearly all summer in large clusters. Now offered for the first time	$0 25	$2 50
Phlox stellaria. (*Starry Phlox.*) A very choice free-flowering species with pure white flowers. 8 to 12 inches	$0 20	$2 00
Phlox subulata. (*Moss Pink.*) Prostrate, forming dense tufts only 3 inches high, and covered with pink flowers in early spring	25	2 50
Phlox subulata, var. nivalis. (*White Moss Pink.*) Like the last, but the foliage is of a brighter green and flowers are pure white. 3 inches	20	2 00
Phlox subulata, var. Sadie. A very beautiful variety, with white flowers, which appear somewhat later than any others; of stronger growth	30	3 00

TIGRIDIA GRANDIFLORA ALBA. (See description, p. 10.)

TIGER FLOWERS.

	Each	Dozen
Tigridia Pavonia Grandiflora. Scarlet Tiger flower. (See cut, page 9) . .	$0 05	$0 50
Tigridia Conchiflora. Yellow Tiger flower	05	50
Tigridia Grandiflora Alba. Splendid white	10	1 00

PEARL TUBEROSE.

TUBEROSES.

In this latitude, May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Cut the bottom of the bulbs off about a quarter of an inch when ready to plant. Place the bulbs so the top will be covered about one inch with soil.

	Each	Per Doz	Per 100
Tall Spike or **Common Double.** Spikes four feet and upwards; flowers not so large or heavy as Pearl, but open more perfectly, and are of a purer white .	$0 08	$0 60	$2 50
Pearl. Dwarf double, largest size	08	60	3 00
Excelsior Pearl. It is claimed this has a larger spike of flowers, and grows more uniform in height than the old sort . .	10	75	3 50
New Striped-Leaved. The leaves of this variety are bordered with creamy white; flowers single, but very large and of exquisite fragrance. It makes a most magnificent plant, and blooms several weeks earlier than the other sorts, which greatly adds to its value	10	1 00	

MISCELLANEOUS BULBS AND ROOTS

	Each	Per doz.
Anemone Fulgens. Scarlet; beautiful spring flowering sort	$0 08	$0 60
" **Double Scarlet** . . . . . per 100, $3 00 .	05	50
" " **Mixed** . . . . . " 3 00 .	05	50
" **Single Scarlet** . . . . . " 1 50 .	05	40
" " **Mixed** . . . . . " 1 25 .	05	40
" **Japonica alba.** A pure white, late flowering perennial	15	1 50
" " **rosea**	25	2 50
Apios Tuberosa. A hardy tuberous-rooted climber, closely resembling the ordinary Wistaria; rich, deep purple flowers; delicious violet fragrance .	10	1 00
Brunsvigia Multiflora. Deep red; for the greenhouse	4 50	
Buphane Toxicaria major. Closely allied to the Amaryllis	7 00	
" " **minor**	5 00	
Caladium esculentum. Splendid summer foliage plant; start in frames and transplant; large size	20	2 00
Cyclobothra Flava. A pretty flowering bulb, of a habit similar to *Bessera elegans.* The cup is golden yellow, with fine black dots in the petals. Plant in the open ground, first part of May, and take up in the fall . . .	10	1 00

	Each	Per doz.
Cooperia Drummondii (Evening Star). White; take up in fall	$0 10	$1 00
" **pedunculata.** Beautiful white fragrant flowers	10	1 00
Delphinium vars. The flowers are borne on tall spikes, and vary in color through all the shades of blue, from the deepest indigo to sky blue. They flower in summer and autumn; very useful for cutting; height three feet	20	2 00
Dicentra (Dielytra) **spectabilis.** Bleeding heart; hardy	15	1 50
" **eximia** (Plumy Bleeding Heart). From the Allegheny mountains; nine to eighteen inches; leaves as graceful as those of a fern; flowers rose color, in loose racemes, appearing all summer. For beauty of foliage and its constant blooming qualities, one of choicest of perennials	30	3 00
Eucharis Amazonica. White, sweetly scented flowers; for the greenhouse	50	5 00
Funkia subcordata (White Day Lily). Fragrant; flowers last for several days	25	2 50
Gloxinias. Finest mixed sorts	25	2 00
Hyacinthus candicans. A spring planting species, with flower stems three to four feet high, bearing from 20 to 30 pure white large flowers. Blooms in July and August	05	50
Madeira Vine. Rapid growing vine	10	1 00
Ornithogalum Arabicum. White, with black center; valuable for forcing	08	75
Pancratium Caribbæum. From Florida	25	2 50
Papaver nudicaule (Iceland Poppy). A very showy plant with bright yellow flowers on a slender stalk about one foot high; useful for borders or rockwork	20	2 00
Petalostemon decumbens. A plant new to cultivation, and one of the prettiest prostrate plants; stems a foot long, on the ends of which are borne dense spikes of deep violet-purple flowers; it begins to bloom in summer and continues until frost	50	
Scilla Peruviana (Star of Bethlehem)	20	2 00

RARE AND CHOICE SEEDS FROM JAPAN.

Actinidia Volubilis. (*The Japan Koukwa.*)

This is a beautiful climber, possessing more intensely than any other that instinct peculiar to its class of stretching out continually, as if after some imaginary support. Nothing can surpass the summer glory of its white and fragrant flowers as they cluster in fours and fives amid its dark green leaves. 25 cts. per pkt., $2 per oz.

Maiden Hair Tree or Ginkgo.

This rare and elegant tree has graceful fern-like foliage, and produces beautiful white nuts, for the sake of which it is extensively cultivated in China. It is quite hardy and easily grown. $1 per lb.; nuts, 20 cts. per oz.

Styrax Japonica.

This beautiful blooming shrub has very glossy deep green leaves, and with its white star-shaped pendulous flowers growing in great profusion, it is exceedingly attractive. 25 cts. per pkt., 40 cts. per oz.

Syringa Japonica.

The lovely lilac of Japan; has leaves of dark and glossy green, and flowers of purest white, in clusters two feet long. It is but newly introduced into this country, and has been welcomed by all who have seen it as indeed "a thing of beauty," while its perfect adaptation to our climate promises to make it also "a joy forever." 25 cts. per pkt., $2 per oz.

NEW FLOWER SEEDS OF GREAT MERIT.

Abroma Augusta.

A valuable perennial for sub-tropical gardening. In the north it could be started inside and planted out in June. It grows rapidly, forming beautiful red veined leaves fourteen to eighteen inches in diameter. The flowers are pendulous, dark purple, and an inch and a-half in diameter. Height, ten feet. 10 cts. per pkt.

Arabis Alpina Folia Variegatis.

This is a beautiful variegated-leaved perennial decorative plant, especially adapted for edgings, carpet bedding and rock-work. 30 cts. per pkt.

Arnebia Cornuta.

This is the first annual species of the genus, and its ornamental qualities far exceed those of the hitherto cultivated perennial species. Its curious and exceedingly beautiful flowers are produced in great profusion, from 100 to 150 spikes of flowers often appearing on the same plant, and are of a rich yellow color, marked with five large black spots, which change first to deep maroon, and finally to a clear pure yellow. It attains a height, as well as a diameter of about twenty-four inches. 30 cts. per pkt.

Centaurea Cyanus Flore Pleno. (*Double Corn-Bottle, Mixed.*)

After several years of careful selection a fixed form of double Corn-Flower has at last been developed. The flowers resemble in many respects those of *Gaillardia Lorenziana*, and are very serviceable either for garden decorations or for cutting. The mixture we now offer comprises the popular varietios in white, pink, light blue, red, rose, etc., and besides these several shades and stripes that are quite new. 30 cts. per pkt.

Chrysanthemum Multicaule.

This most magnificent dwarf annual bedding plant has hitherto been known in Europe and America only as a botanical curiosity. Though a native of South Africa it has been found to be admirably adapted to our climate. The form of the leaves, the whole habit, length of flower stalk, and the look of the flower itself, remind one of the English Daisy, but the flowers are of golden yellow color. In this latitude plants from seed sown as late as the middle of May, bloom from the end of June until frost. Being but about four inches in height, it will be found very suitable for mosaic bedding work, in which its beautiful golden yellow will be most effective; its great merit for general bedding purposes will also be readily recognized. 25 cts. per pkt., 75 cts. per ¼ oz.

CHRYSANTHEMUM MULTICAULE.

Phlox Drummondii Cuspidata, "Star of Quedlinburgh."

We again call attention to this interesting Phlox. The center teeth of the petals, five in number, project in little spines from one-quarter to one-half inch, giving the flowers a beautiful star-like appearance. This plant is very suitable for the flower beds and borders, as well as for pot culture. 15 cts. per pkt.

Phlox Drummondii, "Dwarf Crimson Bouquet."

One of the most beautiful of the Dwarf Phloxes, giving a profusion of bloom. 10 cts.

Helianthus Argophyllus Texanus. (*Texas "Silver Queen" Sunflower.*)

This is a native of Texas. The stock was procured from India and the seed grown in Florida, which may account for the marked improvement of this plant upon the old *H. Argophyllus*. It is a marvel when in full bloom, and previous to flowering, its silvery foliage is very showy. It is at home in the south, where it attains a height of ten feet, branching from the ground to the top, and forming a perfect pyramid with nearly one thousand golden yellow flowers on the one plant, and continuing to bloom until frost. The seed should be started in frames or pots, and transplanted to the open ground when all danger of cold weather is past. 10 cts. per pkt.

HELIANTHUS ARGOPHYLLUS TEXANUS.

Mignonette, French "Machet."

A very compact and strong grower; one of the best strains for bouquets, and is growing in favor. 10 cts. per pkt.

Poppy, The Shirley.

This is a fine strain of hardy annual Poppy, developed by careful and continuous selection from the common field variety. Its beautiful coloring and gracefulness of form are unsurpassed. The colors are pure and finely toned in every shade from blush white, delicate pink and rose, to the brightest crimson, and are blended in great variety of combination. Some flowers have a pale center with colored margin; others have a pale edging with an intensely colored center, while others again are beautifully flushed and shaded. The flowers are generally single or semi-double, and are very useful for table or general decoration, being much less transient than other varieties of this species. This new strain is by all odds the finest yet developed in the Poppy family, and shows the result of careful and intelligent selection, 25 cts. per pkt.

Poppy, Peacock. (*Papaver pavonium.*)

This is a new variety; of brilliant scarlet hue, with glossy black ring and carmine center. 10 cts. per pkt.

Sweet Peas, Eckford's New Hybrids.

A mixture composed of only the best and most distinct of the new varieties obtained by this successful grower. 10 cts. per pkt.

Stock, "Cut and Come Again."

A valuable strain for either pot or out-door cultivation; the flowers may be cut throughout the season, and as fast as cut new flower stalks continue to form. 10 c. pkt.

Zinnia Elegans, "Tom Thumb."

The plants of this dwarf variety vary in height from four to twelve inches, forming compact free-flowering bushes, with blooms resembling those of Pompon Zinnia. They are specially suited for edgings, small beds and groups. 25 c. per pkt.

ZINNIA ELEGANS.

NEW AND SELECTED STRAINS IN VEGETABLES.

Brussels Sprouts, New Half-Dwarf.

A new market gardener's strain of this delicious vegetable. This is one of the surest croppers, making good sized solid heads. 30 cts. per oz., $3 per lb.

Celery, Thorburn's Heart's-Content.

This entirely new and excellent half-dwarf variety has light green foliage, with large, solid and crisp golden stalks. The quality is unsurpassed. We recommend this new strain in full confidence, either for the private family or the market gardener. 25 cts. per pkt., $2 per oz.

THORBURN'S HEART'S-CONTENT CELERY.

Celery, New Giant Pascal.

This new variety is the result of careful selection from the well known "Golden Self-Blanching" celery. It partakes of the nutty flavor of that excellent variety, and in taste is not at all bitter or astringent. It grows about two feet high, with stalks that are solid, crisp, not stringy, very large and broader than those of any other. Before blanching it is green, with heart of a golden yellow and very full. It is very easily blanched, requiring only five or six days earthing up, while its preservative qualities make it a fine shipper. For late winter use, it is the ideal celery, as it retains its crispness. 10 cts. per pkt.. 75 cts. per oz., $9 per lb.

Cucumber, Thorburn's New Everbearing.

We would call special attention to this entirely new and unique variety. It is of small size, *very early*, *enormously productive*, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, **whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts in cultivation.** The one vine exhibits at the same time cucumbers in every stage of growth, the small ones being perfect in shape, of a fine green color, and just the size for pickling. It is certainly a fine variety. Per packet of about 25 seeds, 15 cts., or 2 pkts. for 25 cts.

THORBURN'S NEW EVERBEARING CUCUMBER.

Lettuce, Thorburn's Market Gardener's Private Stock.

A selected strain of Butter lettuce introduced by us two years ago. It has very large solid heads, resisting the sun for a long time before running to seed. Suitable for starting under glass and transplanting in early spring, or sowing in open ground for a summer crop. 10 cts. per pkt., 30 cts. per oz., $3 per lb.

Water Melon, Vaucluse Red-Flesh.

This is one of the most promising of the many sorts lately introduced. It is of French origin, very early, and of large size, with stem end slightly inclined to point. The flesh is a bright crimson, very sweet, not in the least stringy, and coming to within an ⅛ of an inch of the skin; the seeds are also red. The rind, though so thin, is very tough and the shell glossy, so that this melon is an excellent shipper. It is of a dark green color, beautifully threaded with a still darker green. 15 cts. per pkt., 75 cts. per oz.

Potato, Rural New-Yorker No. 2.

This is the nearest to perfection of any potato yet introduced, and exceeds all others in yield. It has many distinctive features, and could be readily recognized among a hundred others. Among the features peculiarly its own are:

First. Distinct appearance.

Second. Large size and unusual smoothness of skin.

Third. Eyes few, distinct and shallow.

Fourth. Its form is that which is most approved by all potato lovers.

Fifth. Extreme whiteness of both skin and flesh, and unexcelled table quality.

Sixth. Great vigor in growth and solidity of tuber, enabling it to resist disease to a remarkable degree.

We receive the most flattering and favorable reports from all sections of this country and Europe in regard to the value of this potato, which has been generally recognized as a new and distinct form, embodying very many desirable qualities.

Prices for immediate orders and delivery: $8 per bbl., $3.50 per bus., $2 per ½ bus., $1.25 per pk., 85 cts. per ½ pk., 25 cts. per lb.

Radish, New Sorts for Forcing Under Glass.

Non Plus Ultra. Round, scarlet, short-leaved.
French Early Scarlet Forcing. Round.
French Early Deep Scarlet Forcing. Round.
French Early Scarlet White-Tipped Forcing. Round.
Extra Early White Mouse-tail. Round.

These are all new strains, maturing in about twenty days, and are as beautiful as they are crisp. 20 cts. per oz., 50 cts. per ¼ lb., $1.50 per lb.

Tomato, Station Upright Tree.

This remarkable variety is without exception the *earliest of all.* It originated at the New York Experiment Station, by crossing the French Tree with Alpha—hence its name. The plants are very compact; the fruits, which are medium to small, are produced in great numbers, and are solid, tender and of good quality. Its compactness makes it very suitable for potting, and it is also well adapted for forcing. It is undoubtedly a thoroughly distinct variety, and not a mere duplication of existing sorts. 15 cts. per pkt.

Tomato, Ignotum.

This variety, which is the result of great pains and skill, is the nearest perfection of all, either for family or market use. It is large, smooth, heavy and solid; of a very deep red handsome color; it ripens perfectly up to the stem, and is remarkably free from cracking or rotting. The flesh is of the finest quality and with a delicious flavor, while (with the exception of Station Upright Tree) it is the earliest. Over all the ordinary kinds it has the remarkable and very important advantage of having on an average only half as many seeds. 15 cts. per pkt., $1.50 per oz.

STRAWBERRIES.

If ordered by mail add 25 cents per 100 to price.

The blossoms of all varieties are bi-sexual or perfect, except those marked with the letter **P**, which are destitute of stamens and are termed pistillate or imperfect. Pistillate varieties must have a row of a perfect flowered sort planted every nine or twelve feet apart among them, or, better yet, every third or fourth plant in the row, to pollenize their blossoms; otherwise they will not produce abundantly.

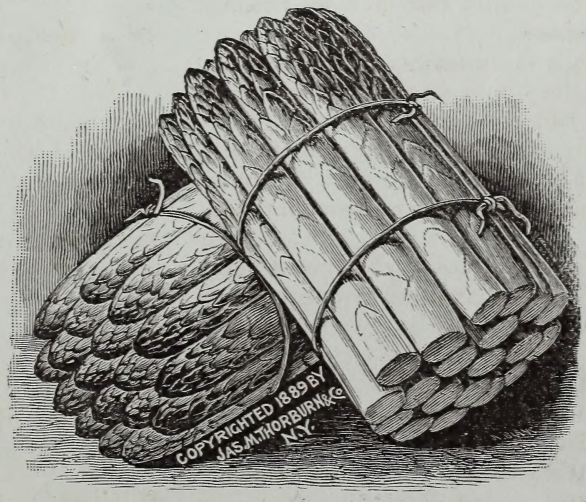
	Per doz	Per 50	Per 100	Per 500	Per 1,000
Bubach. (P.) Even under careless culture, during the past season it has fully sustained its reputation for large size and great yield . .	$0 25	$0 40	$0 60	$2 00	$3 00
Capt. Jack. This is an old popular variety, especially at the West, and remarkable for its productiveness and firmness of fruit. Medium size, uniform in shape, pale scarlet color, fair quality and exceedingly firm	25	40	60	2 00	3 00
Crescent. (P.) The berries are of medium size, rather poor quality, and a little soft for shipment, but on light sandy soil the quality is better and the flesh firmer. It is of bright scarlet color and quite attractive; a profitable sort for a not too far distant market on account of its great productiveness and easy culture. Early	25	40	60	2 00	3 00
Cumberland. One of the very best for the home garden and profitable for market in many sections. A strong vigorous plant and, under good culture, productive. Berry very large, pale scarlet color, roundish obtuse conic in shape; of fine quality but only moderately firm. Early to mid-season	25	40	60	2 00	3 00
Garretson. (P.) The fruit is uniformly globular, large, of bright crimson color; it is also exceedingly productive. Its chief points of merit are that it remains of a uniformly large size throughout the season and does not run small after the first few pickings, and its remarkable resistance to drought. Medium to late	25	40	60	2 00	3 00
Glendale. Of value chiefly as a late market variety and for canning, by reason of its exceeding firmness. Does well in all but very light soil and is very productive under good culture. Fruit is large, conical, very firm, of a dull scarlet color, with bright green calyx. Plant healthy, very prolific and vigorous. Late . . .	25	40	60	2 00	3 00
Hoffman's Seedling. The fruit is of good size and exceedingly firm. Plant a strong grower and immensely productive. Early	25	40	60	2 00	3 00

	Per doz	Per 50	Per 100	Per 500	Per 1,000
Jersey Queen. (P.) Under good culture, and properly fertilized, this is one of the finest and most profitable of the standard sorts, especially valuable in the home garden. The plant is strong and healthy, and, on good soil, productive. Fruit large, bright crimson, moderately firm, of fine quality. Late	$0 25	$0 40	$0 60	$2 00	$3 00
Jessie. It is fairly productive and the berries average large; of much beauty and good quality. The foliage yields somewhat to the hot sun in New Jersey and does not successfully withstand drought. Mid-season	25	40	60	2 00	3 00
Kentucky. Very popular as a late variety for home use on account of its good quality and productiveness, but too soft for any but a near market. The plant is a good grower, very productive. It succeeds on all soils and under almost all conditions. Fruit is large and of fine flavor. One of the best for light soils . .	25	40	60	2 00	3 00
Parry. A seedling of Jersey Queen, and very similar, but possesses a perfect flower. The fruit is uniformly large in size, beautiful, moderately firm and of good quality. Plant strong, vigorous and productive. Requires good soil and generous culture. Early to medium	25	40	60	2 00	3 00
Sharpless. One of the most popular strawberries of the day. Exceedingly large and vigorous, quite free from rust or blight; it demands well enriched soil. Fruit large to very large, irregular in shape, crimson. A profitable variety for market; mid-summer	25	40	60	2 00	3 00

ASPARAGUS ROOTS.

Conover's Colossal. The most approved and standard sort. The famous Argenteuil of the French is identical with it. Two-year-old roots, per 100, $1; per 1,000, $7.

Palmetto. A very desirable bright green Asparagus of southern origin. 1 year-old roots, per 100, $1; per 1,000, $8.



FERTILIZERS.

These Fertilizers are specially manufactured for us, and are reliable and efficient for the purposes specified. Bone basis guaranteed.

Great care should be taken that all Fertilizers are well incorporated with the soil, so as not to come in contact with and destroy the vitality of the seed sown.

THORBURN'S COMPLETE MANURE.

Guaranteed to contain ammonia, 3 to 3½ per cent.; phosphoric acid, all soluble, 8 to 10 per cent.; sulphate of potash, 7 to 7½ per cent.; sulphate of magnesia, soda, lime, sulphuric acid, etc.

Adapted for use on all crops, such as corn, tomatoes, potatoes, peas, beans and early vegetables, and is especially suited for grain crops and for seeding down to grass. In 167 lb. bags, per ton, $35; single bags of 167 lbs., $3.50; per bag of 75 lbs., $2; 50 lbs., $1.50; 25 lbs., $1: 10 lbs., 50 cts.

THORBURN'S POTATO MANURE.

Guaranteed to contain ammonia, 4½ to 5 per cent.; phosphoric acid, all soluble, 7 to 9 per cent.; actual potash, 9 to 10 per cent.; sulphate of magnesia, soda, lime, sulphuric acid, etc.

This manure is for special use on the potato crop, and is also adapted for sweet potato vines and fruit trees, and all leguminous plants. In 167 lb. bags, per ton, $43; single bags of 167 lbs., $4; per bag of 75 lbs., $2.50; 50 lbs., $1.75; 25 lbs., $1; 10 lbs., 50 cts.

THORBURN'S LAWN FERTILIZER.

Guaranteed to contain ammonia, 5 to 6 per cent.; phosphoric acid, all soluble, 5½ to 7 per cent.; actual potash, 7½ to 8½ per cent.; lime, sulphate of magnesia, soda, sulphuric acid, etc.

Specially prepared for lawns and meadows, as a top dressing, imparting to grass a rich green color and vigorous growth. In 167 lb. bags, per ton, $43; single bags of 167 lbs., $4; per bag of 75 lbs., $2.50; 50 lbs., $1.75; 25 lbs., $1; 10 lbs., 50 cents.

☞ Quantity required per acre on soils not impoverished, about one-half ton. Directions for use on all bags.

GROUND BONE.

Very useful. 5 lbs., 25 cents; 50 lbs., $1.25; 100 lbs., $2; per ton, $32.

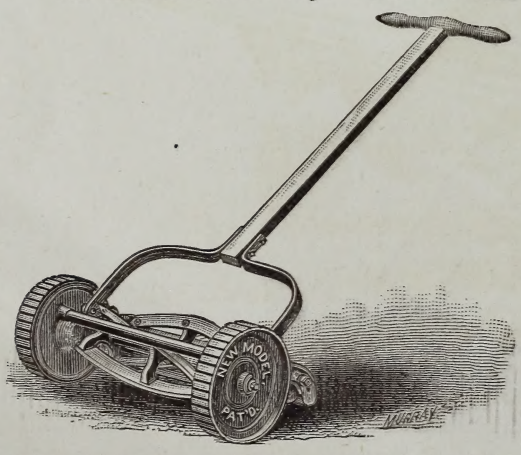
THORBURN'S FLORALIS OR CONCENTRATED PLANT FOOD.

The best Fertilizer for general use. 2 lb. boxes, 25 cts.

LAWN MOWERS.

THE NEW MODEL.

The manufacturers say: "The New Model combines every improvement that nearly a score of years' experience as Lawn Mower manufacturers can suggest or mechanical skill devise. For simplicity, durability and quality of work it is unequalled, while for lightness of draft it excels by a large percentage any other Lawn Mower made. A most thorough trial is solicited." The latest and best Lawn Mower, and will give entire satisfaction.



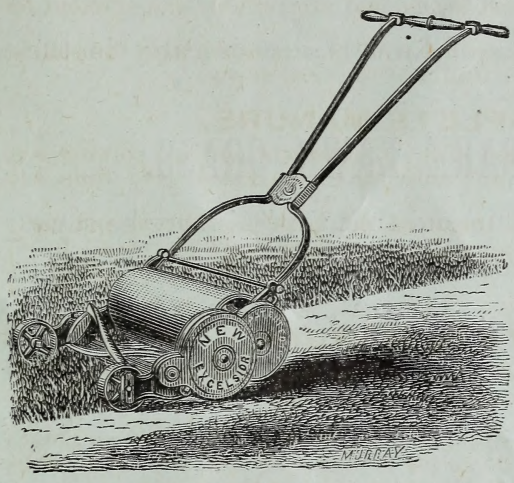
NEW MODEL LAWN MOWER. LATEST AND BEST.

NET PRICES. NO DISCOUNT.

12-inch cut	$7 50
14 "	8 50
16 "	10 00
18 "	11 00
20 "	12 00

EXCELSIOR ROLLER LAWN MOWER.

This cut represents the Roller Mower, which has been greatly reduced in weight and draft, and is without doubt the lightest running Roller Mower made. The gears are perfectly covered, and the grass and dirt are entirely excluded. The Roller Mower does the most perfect work, and also a greater variety of work than other styles of Mowers. The Roller serves to roll down the imperfections in the lawn, such as ant-hills and small upheavals by frost.



EXCELSIOR ROLLER LAWN MOWER.

NET PRICES, NO DISCOUNT.

10 inch cut	$8 50
12 " "	9 50
14 " "	11 00
16-inch cut	12 00
18 " "	13 00
20 " "	14 00

NEW EXCELSIOR HORSE LAWN MOWER.

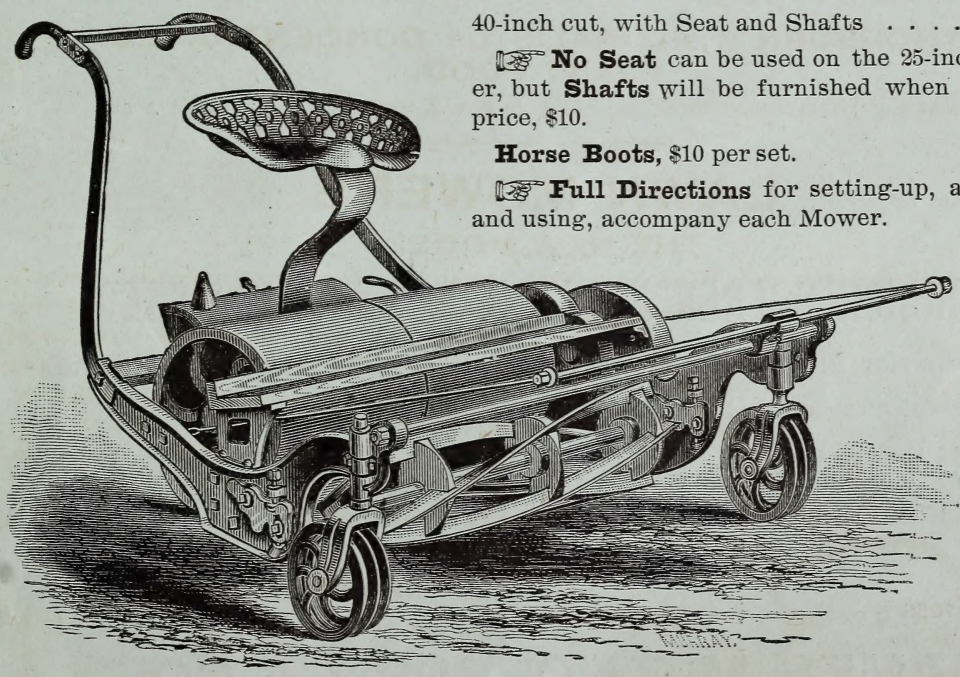
NET PRICES, WITHOUT DISCOUNT.

25-inch cut, without Seat or Shafts	$40 00
30 " " with Seat and Shafts	65 00
35 " " with Seat and Shafts	75 00
40-inch cut, with Seat and Shafts	95 00

☞ **No Seat** can be used on the 25-inch Mower, but **Shafts** will be furnished when desired; price, $10.

Horse Boots, $10 per set.

☞ **Full Directions** for setting-up, adjusting and using, accompany each Mower.



NEW EXCELSIOR HORSE LAWN MOWER.

FINE LAWN GRASS.

The best time to sow fine varieties of Lawn Grass is early in the Spring.

FINE MIXED CENTRAL PARK LAWN GRASS.

For lawns of any extent. We recommend that this mixture be sown at the rate of three to four bushels to the acre. (15 lbs. to bus.)

Price per Bushel, $3.50.

THORBURN'S FRENCH MIXED LAWN GRASS SEED.

A superior mixture for croquet grounds, grass plats, etc. This mixture is recommended to be sown at the rate of three to four bushels to the acre. (15 lbs. to bus.)

Per Quart, 25 Cents; Per Half Peck, 75 Cents;
Per Peck, $1.25; Per Bushel, $4.50.

Address

JAMES M. THORBURN & CO.,

No. 15 John Street. **NEW YORK.**